**LESSON PLAN/NOTE FOR WEEK 4 [FOUR] ENDING 3RD FEBRUARY 2023.**

**TERM : 2nd**

**WEEK: FOUR**

**DATE : 30TH JANUARY 2023.**

**CLASS: JSS TWO**

**SUBJECT: BASIC TECHNOLOGY**

**TOPIC: TOOLS AND MACHINES**

**SUB- TOPIC : SURFACE PLANER MACHINES**

**PERIOD : 2ND**

**TIME : 08:50-09:30**

**DURATION : 40 MINUTE**

**NO IN CLASS: 13**

**AVERAGE AGE: 13 YEARS**

**SEX: MIXED**

**LEARNING OBJECTIVE: By the end of the lesson the students should be able to ;**

1. **Define surface planer machine**
2. **Describe the uses of surface planer machines**
3. **Draw and name all the parts of surface planer machines.**

**RATIONALE: To introduce to the students the uses, care and maintenance of wood work machines.**

**PREVIOUS KNOWLEDGE: The students are familiar with the topic.**

**INSTRUCTION MATERIALS: Charts, pictures and diagram from the reference material.**

**REFERENCE MATERIALS: Comprehensive basic technology for junior secondary school. By A Adelekan.**

**LESSON DEVELOPMENT**

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| **STEPS** | **TEACHER’S ACTIVITY** | **STUDENTS’ ACTIVITY** | **LEARNING POINT** |
| **INTRODUCTION** | **The teacher introduces the lesson by reviewing the previous lesson** | **The students participate in the class discussion.** | **To arouse the students interest** |
| **STEP 1** | **The teacher guides the student to define surface planer.** | **The students answer the question** | **To encourage critical thinking.** |
| **STEP 2** | **The teacher asks the students to describe the uses of surface planer machine** | **The students describe the types of circular saw e g cross cutting circular saw and ripping circular saw.** | **To ensure proper understanding** |
| **STEP 3** | **The teacher draw and state the function of each parts of the surface planer machine in detail.** | **The students pay attention to the teachers explanation** | **To ensure good understanding** |
| **BOARD SUMMARY** | **SURFACE PLANER**  **A surface planer shaves the surface of a wooden piece. It is the machine counterpart of hand planes. Depending on the skills of the user, a surface planer can plane accurately and smoothly such that a wood finish can be directly applied on the surface without having to work the surface further. Basically , a surface planer consist of a base on which is supporting a flat, steel work plate. The base house an electric motor , a gear arrangement and a rotating cylindrical disk. The disk has one or more straight cutting edge somewhere on the its curved surface.surface planer** | **The student ask question for clarification** | **To create room for slow learners** |
| **EVALUATION** | **The teacher evaluate the student with following question.**   1. **Define surface planer machine** 2. **Describe 3 parts function of a surface planer.** | **The student attempt the question** | **To ascertain the student understanding** |
| **CONCLUSION** | **The teacher round up the lesson by marking the students note** | **The student submit their note for marking and correction** | **For future use.** |



3RD FEBRUARY 2023

DEPUTY HEAD INSTRUCTOR ADMIN

NB: APPROVED!